

Notice of Allowability

Application No.

10/071,673

Examiner

Wesley L. Kim

Applicant(s)

CRONIN ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/1/06.
2. ☒ The allowed claim(s) is/are 1-9, 11, 12, 21-24 and 27-33.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application (PTO-152)
- ☒ Interview Summary (PTO-413), Paper No./Mail Date 3/16/06.
- ☒ Examiner's Amendment/Comment
- ☒ Examiner's Statement of Reasons for Allowance
- ☐ Other _____.


GEORGE ENG
SUPERVISORY PATENT EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Joel Justiss on 3/16/06.

The application has been amended as follows:

1. (Currently Amended) A mobile phone, comprising:

an interface unit configured to download, independent of activation of communication services of said mobile phone, user interface data from an external data source in a production environment after a manufacturing phase of said mobile phone, said user interface data configured to provide an interface for a user of said mobile phone;

a digital memory configured to store said user interface data and run-time software installed during said manufacturing phase, said run-time software configured to employ said user interface data to tailor said mobile phone for a specific market, wherein said user interface data is associated with numeric values in a downloadable table and said run-time software is configured to issue messages having symbols wherein each of said symbols is associated with a specific one of said numeric values to thereby identify said user interface data for said download.

10. (Currently Amended) Cancelled.

21. (Currently Amended) A system for configuring a mobile phone for a specific market, comprising:

an external data source located in a mobile phone production environment; and
an end user tool that facilitates a transfer of user interface data from said external data source to said mobile phone after a manufacturing phase and independent of activation of communication services of said mobile phone, said user interface data for tailoring said mobile phone for a specific market, wherein said end user tool includes a resource compiler configured to generate a downloadable table to transfer said user interface data, said downloadable table including said user interface data associated with numeric values, wherein said run-time software is configured to issue messages having symbols where each of said symbols is associated with a specific one of said numeric values to thereby identify said user interface data for said download, and said mobile phone includes an interface unit configured to download said user interface data; and a digital memory configured to store said user interface data and run-time software during said manufacturing phase, said run-time software configured to employ said user interface data for said tailoring.

25. (Currently Amended) Cancelled.

26. (Currently Amended) Cancelled.

27. (Currently Amended) A method of configuring a mobile phone for a specific market, comprising:

connecting said mobile phone to an external data source in a mobile phone production environment after a manufacturing phase thereof; and
downloading user interface data from said external data source to said mobile phone independent of activation of communication services of said mobile phone, wherein said user interface data is identified by run-time software of said mobile phone and employed by said run-time software to provide an interface for a user of said mobile phone in said specific market, wherein said user interface data is associated with numeric values in a downloadable table and said run-time software is configured to issue messages having symbols wherein each of said symbols is associated with a specific one of said numeric values to thereby identify said user interface data for said download.

32. (Currently Amended) The method as recited in Claim 27 further comprising generating a downloadable table in the external data source where said user interface corresponds to numeric values associated with symbols in messages issued by said run-time software, where said downloading includes downloading said table.

(End of Amendments).

Examiner's Statement of Reasons for Allowance

1. Claims 1-9, 11-12, 21-24, and 27-33 are allowed.

2. The following is an examiner's statement of reasons for allowance:

Applicant's invention is drawn to a mobile phone with digital memory for receiving and storing digital data and a digital processor for processing the digital data. The digital memory stores data downloaded during the manufacturing phase with executable software that is downloaded from an external data source for the purpose of tailoring the mobile phone to be operational for a specific market. The downloaded data may include menu descriptions, sounds and animations.

Applicant's independent method claims 1 and 27 each recite, *inter alia*, downloading user interface data to mobile phone independent of activation of communication services of said mobile phone to tailor said mobile phone for a specific market, wherein said user interface data is associated with numeric values in a downloadable table and run-time software configured to issue messages having symbols wherein each of said symbols is associated with a specific one of said numeric values to thereby identify said user interface data for said download. These steps, in combination of the remaining steps, are neither taught nor suggested by the prior art. Accordingly, Applicants claims are allowed for these reasons and for the reasons recited in Amendments filed 2/1/06.

Applicant's independent system claim 21 recites, *inter alia*, an end user tool that facilitates a transfer of user interface data from an external data source to the mobile

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phone after a manufacturing phase and independent of activation of communication services of said mobile phone, said user interface data for tailoring said mobile phone for a specific market, wherein said end user tool includes a resource compiler configured to generate a downloadable table to transfer said user interface data, said downloadable table including said user interface data associated with numeric values, wherein said run-time software is configured to issue messages having symbols where each of said symbols is associated with a specific one of said numeric values to thereby identify said user interface data for said download. These particular combinations of elements, in combination of the remaining steps, are neither taught nor suggested by the prior art. Accordingly, Applicants claims are allowed for these reasons and for the reasons recited in Amendments filed 2/1/06.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

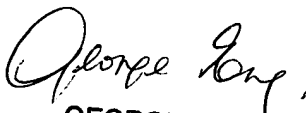
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wesley L. Kim whose telephone number is 571-272-7867. The examiner can normally be reached on Monday-Friday 9:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on 571-272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

WLK


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